

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IL2004/000494

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G02B5/32 G02B27/01

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

8 September 2004

Date of mailing of the international search report

4. 12. 2004

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IL2004/000494

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/21612 A (DAVID YAIR ; FRIEDMAN MARK M (IL); BEN YEHUDA YARIV (IL)) 22 May 1998 (1998-05-22)	1,6-8, 11,12, 24,26, 27, 29-32, 34,36, 41,42, 45,49, 65, 75-77, 79-104, 109-115
Y	page 25, line 5 - line 36 page 33, line 24 - page 34, line 16; figures 7,17	15-23, 38,40, 48, 55-57, 59,61
Y	----- WO 01/95027 A (AMITAI YAAKOV ; LUMUS LTD (IL)) 13 December 2001 (2001-12-13) figures 1,2,7-16,21-31	15-23, 38,40,48
Y	----- US 4 711 512 A (UPATNIEKS JURIS) 8 December 1987 (1987-12-08) figures 1,5	55-57, 59,61
A	----- WO 99/52002 A (AMITAI YAAKOV ; FRIESEM ASHER (IL); YEDA RES & DEV (IL); ELOP ELECTROO) 14 October 1999 (1999-10-14) figures 1-5 -----	1-115

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1, 75, 104 and corresponding dependent claims

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1,75,104 and corresponding dependent claims

Image display comprising a reflector disposed behind a light guide for reflecting the scene through a light guide portion and a combining/transforming element towards the user.

2. claims: 2,105 and corresponding dependent claims

Image display comprising a dark opaque shield located behind the light guide for better discrimination of the image to be displayed against ambient light.

3. claims: 3,76,106 and corresponding dependent claims

Image display comprising an intermediate beam transforming element so as to transform the light beams propagating within the light guide.

4. claims: 4,107 and corresponding dependent claims

Image display comprising a plurality of input beam transforming elements and a plurality of intermediate beam transforming elements so as to transform the light beams propagating within the light guide into a set of light beams.

5. claims: 5,108 and corresponding dependent claims

Image display comprising a first light guide and a second light guide whose input element is located below the input element of the first light guide, and whose output element is located opposite to that of the first light guide.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IL2004/000494

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9821612	A	22-05-1998	US 5724163 A	03-03-1998
			AU 730608 B2	08-03-2001
			AU 5247698 A	03-06-1998
			CA 2270247 A1	22-05-1998
			EP 0991965 A1	12-04-2000
			IL 129515 A	10-12-2003
			JP 2001514764 T	11-09-2001
			NZ 335235 A	28-10-1999
			WO 9821612 A1	22-05-1998
			US 6577411 B1	10-06-2003

WO 0195027	A	13-12-2001	AU 5664401 A	17-12-2001
			CA 2411442 A1	13-12-2001
			CN 1440513 T	03-09-2003
			CZ 20023902 A3	14-05-2003
			EP 1295163 A2	26-03-2003
			HU 0400526 A2	28-05-2004
			WO 0195027 A2	13-12-2001
			JP 2003536102 T	02-12-2003
			US 2003165017 A1	04-09-2003

US 4711512	A	08-12-1987	NONE	

WO 9952002	A	14-10-1999	AT 254291 T	15-11-2003
			AU 3052499 A	25-10-1999
			CA 2326767 A1	14-10-1999
			DE 69912759 D1	18-12-2003
			DE 69912759 T2	30-09-2004
			EP 1068548 A1	17-01-2001
			WO 9952002 A1	14-10-1999
			US 6580529 B1	17-06-2003
